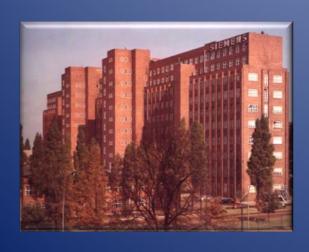


MSCC

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MECHATRONICS



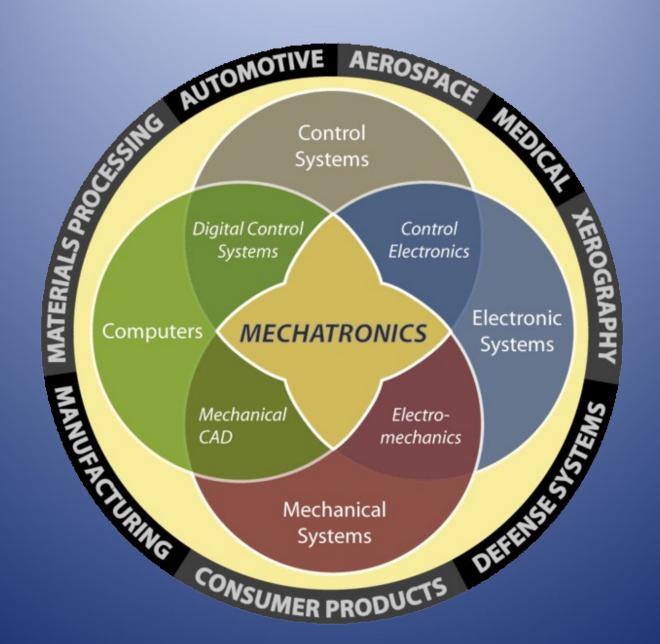
SIEMENS
BERLIN
GERMANY
TRAINING
CENTER



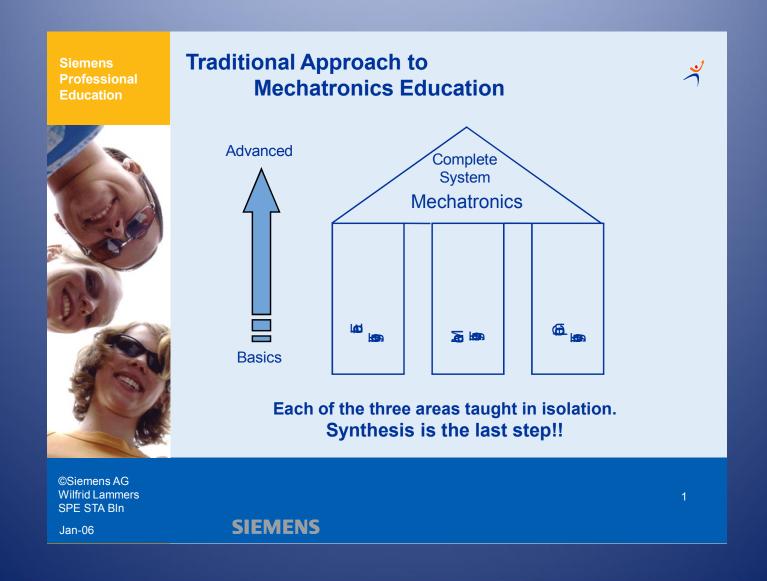
WHAT IS MECHATRONICS

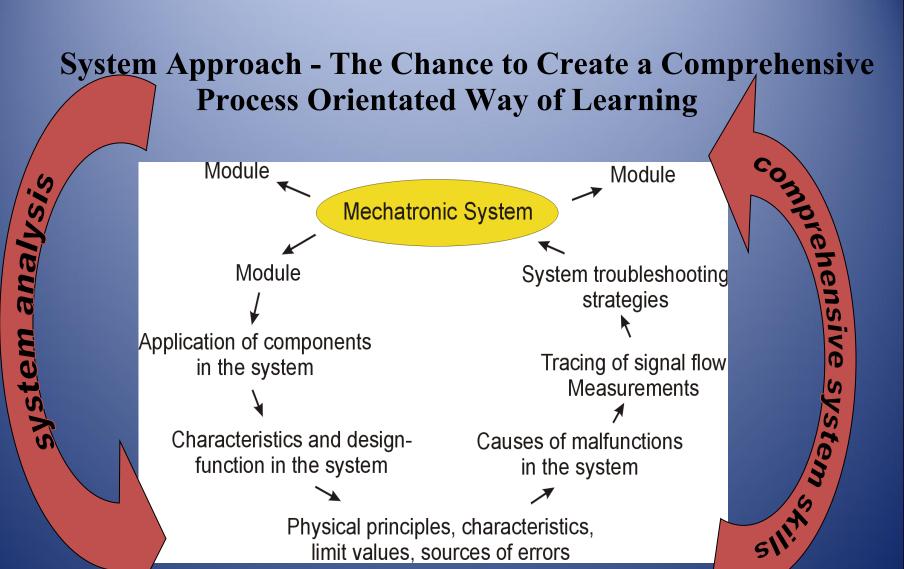
IN GENERAL:

MECHATRONICS IS AN ENGINEERING SCIENCE, THAT AIMS AT THE FUNCTIONALITY OF A TECHNICAL SYSTEM THROUGH THE CLOSE CO-OPERATION OF MECHANICAL, ELECTRONICS AND DATA PROCESSING COMPONENTS.



Under traditional methods of teaching mechatronics, students learn about each of these fields separately from one another. Sometimes, there is a course or two at the end of the training which tries to pull all of these topics together.





Result: Well-rounded individuals who can adapt to new work situations quickly and appropriately

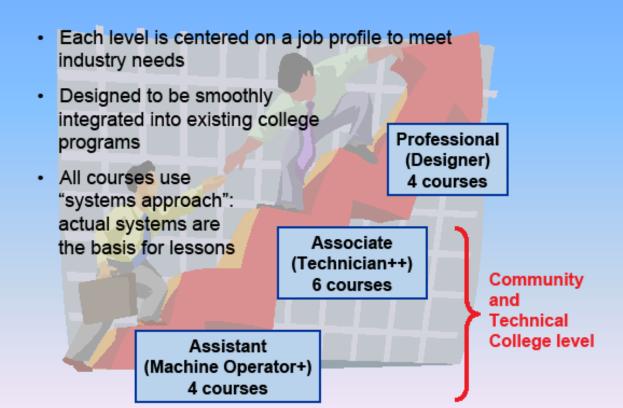
AMATROL MECHATRONIC TRAINER



FESTO MECHATRONIC TRAINER



Siemens Mechatronic Systems Certification Program

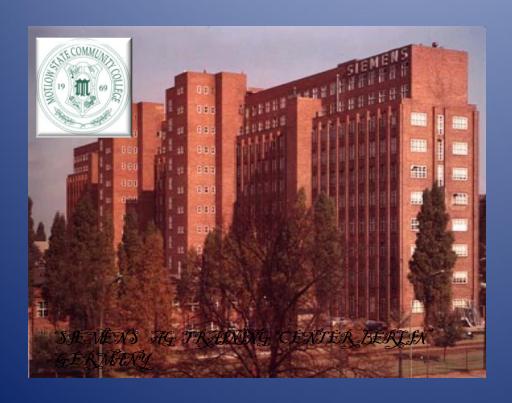


MACHINE OPERATOR -- LEVEL ONE FOUR COURSES

- ELECTRICAL COMPONENTS / ELECTRONICS
- MECHANICAL COMPONENTS AND ELECTRIC DRIVES
- PNEUMATICS AND HYDRAULICS CONTROL CIRCUITS
- DIGITAL FUNDAMENTAL AND PROGRAMMABLE LOGIC CONTROLLERS (PLC)

WHY PARTNER WITH SIEMENS ON MECHATRONICS?

- ** NOT PRODUCT OR PROCESS SPECIFIC
- ** INTERNATIONAL GLOBAL RECOGNITION FOR TECHNICAL SKILL TRAINING AND VALIDATION



Nearly 500,000 employees worldwide

- Active in > 190 countries
- World leader in mechanics and automated systems technologies
- Leading position in mechatronics and mechatronic systems education
- Over 100 years of experience in technical education
- 5th largest private educator in Germany
- 22 locations nationwide
- 7,300 trainees
- Technical, IT, Business, and Media school

BENEFITS OF MECHATRONICS

- HANDS ON SYSTEMATIC TRAINING AND PROBLEM SOLVING SKILLS
- ENHANCE AND REFINE INDIVIDUAL TECHNICAL SKILLS
- DEVELOP TEAM BUILDING SKILLS
- DEVELOPS INTERACTIVE COMMUNICATION SKILLS
- REFINES/DEVELOPS CRITICAL THINKING SKILLS
- UNDERSTANDING THE INTERFACE BETWEEN BUSINESS AND MANUFACTURING OPERATIONS
- DEVELOPS TRANSFERABLE SKILLS, EMPHASIZES THE INDIVIDUAL OWNERSHIP AND RESPONSIBILITIES FOR THE PROCESS AND FINISHED PRODUCT
- PREPARES COMPETITIVE WORKER FOR THE GLOBAL MARKET